PART B- FEE(S) TRANS Complete and send this form, together with appaicable fee(s), to: Mail PART B- FEE(S) TRANSMITTAL

Mail Stop ISSUE FEE **Commissioner for Patents**

P.O. Box 1450

Alexandria, Virginia 22313-1450 (571) 273-2885

Or Fax

INSTRUCTIONS: This property bused for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks I through 5 should be completed where appropriate. All Further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as Indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for Maintenance fee notifications

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address) 02/28/2006 7590 020457

ANTONELLI, TERRY STOUT & KRAUS, LLP 1300 NORTH SEVENTEENTH STREET **SUITE 1800** ARLINGTON, VA 22209-3873

MAY 3 0 2006

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying Papers. Each additional paper, such as an assignment or formal drawing, must Have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission

503.35255V15

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope Addressed to the Mail Stop ISSUE FEE address above, or being facsimile Transmitted to the USPTO (703) 746-4000, on the date indicated below.

,			118113	nation to the Got To (00,770 1000, 01. 110 0210 111		
					:	020(Depositor's name)	
						(Signature) (Date)	
APPLICATION NO.	FILING DATE	FIRST NAMED	INVENTOR	ATTORNEY	DOCKET NO. CO	ONFIRMATION NO.	
10/600,573	06/23/2003	Kinya	Aota	503.35255V15		9653	
TITLE OF INVENTION: MET	THOD OF JOINING TWO	MEMBERS BY FRICT	TON STIR WELI	DING			
APPL. TYPE	SMALL ENTITY	ISSUE FEE	PUBLI	CATION FEE	TOTAL FEE (S) DU	JE DATE DUE	
Nonprovisional	NO	\$1400		\$300	, \$1700	05/30/2006	
EXAMINER		ART UNIT	CLASS-SUBCLASS		٠.		
CANFIELD, ROBERT		3635	052-636600				
1. Change of correspondence addr	2. For printing on the patent front page, list						
CFR 1.363). Change of correspondence address (or Change of Correspondence			(1) the names of up to 3 registered patent attorneys 1 ANTONELLI, TERRY, STOUT AND KRAUS, LLP.				
Address form PTO/SB?122 attached. agents OR, alternatively,			Or agents OR, a			03, LLF.	
"Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of Customer			(2) the name of single firm (having as a member a registered attorney or agent)				
Number is required.	and the names of up to 2 registered patent attorneys or agents. If no name is listed no name will be printed.						
3. ASSIGNEE NAME AND RESIDE						-	
PLEASE NOTE: Unless an assign 37 CFR 3.11. Completion of this for	ee is identified below, no assignee orm is NOT a substitute for filing ar	e data will appear on the pater n assignment.	nt. If an assignee is id	entified below, the docu	ment has been filed for recor	dation as set forth in	
(A) NAME OF ASSIGNEE (B) F		SIDENCE: (CITY an	d STATE OR COUNTRY	Y)			
HITACHI, LTD. TOKYO, JAPAN							
Please check the appropriate assigne	e category or categories (will not b	pe printed on the patent):	Individual	Corporation or o	other private group entity	Government	
4a. The following fee(s) are enclosed	l:	4b. Payment of Fee					
	☑ Issue Fee ☐ A check in the amount of the fee(s) is enclosed. ☑ Publication Fee (No small entity discount permitted) ☑ Payment by credit card> Form PTO-2038 is attached.						
Advance Order- # of Copies							
		Account Number U1-2133	(enclose an extra cop	y of this form).		· <u>- · · · · · · · · · · · · · · · · · ·</u>	
	ALL ENTITY status. See 37 CFR 1	A 1			MALL ENTITY status. See 37		
The Director of the USPTO is reques NOTE: The Issue Fee and Publicatio Interest as shown by the records of the	ted to apply the Issue Fee and Put in Fee (if required) will noybe acce tel United States patent and Traden	cation Fee (if any) or to re-a pled from anyone other than t part Office.	pply any previously pa the applicant; a registe	aid issue fee to the applicated attorney or agent; o	cation identified above. If the assignee or other party	in	
Authorized Signature No.	thomas /	Own	Date: MAY	62/21/5860 !	1BEYENE2 00000036 1	1400.00 OP	
Typed or printed name William I. Solomon			Registration N	o. 282,565 1594		300.00 OP	
This collection of information is	required by 27 CER 1 211 Th	no information is required	to obtain or retain	a henefit by the nub	lic which is to file (and by	the USPTO to process)	

This collection of information is required by 37 An application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and Submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete This form and/or suggestions for reducing this burden, should be sent tot eh Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450. Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.